

P18495.P01

# UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No.

P18495

Total Pages

Inventor(s) or Application Identifier

Masahiro NAKATA and Shigeru IWAMOTO

Title: MULTIPOINT AUTOFOCUS SYSTEM

(Only for new nonprovisional applications under 37 CFR 1.53(b))

ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

## APPLICATION ELEMENTS

## ACCOMPANYING APPLICATION PARTS

1. ☒ Fee Transmittal Form
2. ☒ Specification [Total Pages 78]  
(preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3. ☒ Drawing(s) (35 USC 113) [Total Sheets 16]
4. ☒ Oath or Declaration [Total Pages 3]
  - a. ☐ Newly executed (original or copy) ☐ Unexecuted
  - b. ☒ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)  
[Note Box 5 below]
    - i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR 1.63(d)(2)  
and 1.33(b).
5. ☒ Incorporation By Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy  
of the oath or declaration is supplied under Box 4b, is considered  
as being part of the disclosure of the accompanying application  
and is hereby incorporated by reference therein.
6. ☐ Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a. ☐ Computer Readable Copy
  - b. ☐ Paper Copy (identical to computer copy)
  - c. ☐ Statement verifying identity of above copies

8. ☐ Assignment Papers (cover sheet & document(s))
9. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure ☐ Copies of IDS Citations  
Statement (IDS)/PTO-1449
12. ☒ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
14. ☐ Small Entity ☐ Statement filed in prior application,  
Statement(s) Status still proper and desired
15. ☒ The prior application is assigned of record to ASAHI  
KOGAKU KOGYO KABUSHIKI KAISHA
16. ☒ Foreign priority claimed
  - a. ☒ Claim of Priority
  - b. ☐ Certified Copy of Priority Document(s)
17. ☐ Other: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP) of prior Application No. 08/932,197, filed September 17, 1997.
19. ☐ Amend the specification by inserting before the first line the sentence:This application is a    continuation-in-part,    continuation,    division, of Application No.    /   , filed   .

Address all future correspondence to Customer No. 7055 at the present address of:

GREENBLUM & BERNSTEIN, P.L.C.  
1941 Roland Clarke Place  
Reston, VA 20191  
(703) 716-1191

Date

Signature

Bruce H. Bernstein, Reg No. 29,027  
Typed or Printed Name

## FEE TRANSMITTAL

Complete if Known

FEE TRANSMITTAL		Application Number	Not Yet Assigned
		Filing Date	Concurrently Herewith
		First Named Inventor	M. NAKATA et al.
		Group Art Unit	Unknown
		Examiner Name	Unknown
TOTAL AMOUNT OF PAYMENT (\$) <u>690.00</u>		Attorney Docket Number	P18495

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)																																																																																																																																																																																																																																																																																																							
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account Number <u>19-0089</u> Deposit Account Name <u>GREENBLUM &amp; BERNSTEIN, P.L.C.</u> <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17, including any required extension of time fees in any concurrent or future reply requiring a petition for extension of time for its timely submission (37 CFR 1.136(a)(3)) <input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.311(b) 2. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other <b>FEE CALCULATION (fees effective 11/13/98)</b> <b>1. FILING FEE</b> <table border="1"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>101</td><td>690</td><td>201</td><td>345</td><td>Utility filing fee</td><td><u>690</u></td></tr> <tr><td>106</td><td>310</td><td>206</td><td>155</td><td>Design filing fee</td><td><u>        </u></td></tr> <tr><td>107</td><td>480</td><td>207</td><td>240</td><td>Plant filing fee</td><td><u>        </u></td></tr> <tr><td>108</td><td>690</td><td>208</td><td>345</td><td>Reissue filing fee</td><td><u>        </u></td></tr> <tr><td>114</td><td>150</td><td>214</td><td>75</td><td>Provisional filing fee</td><td><u>        </u></td></tr> <tr> <td colspan="5"><b>SUBTOTAL (1) (\$)</b></td> <td><b><u>690</u></b></td> </tr> </tbody> </table> <b>2. CLAIMS</b> <table border="1"> <thead> <tr> <th>Total Claims</th> <th>Independent Claims</th> <th>Multiple Dependent Claims</th> <th>Extra</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td><u>8</u></td> <td><u>-20</u></td> <td><u>0</u></td> <td><u>x</u></td> <td><u>18</u></td> <td><u>= 0</u></td> </tr> <tr> <td><u>2</u></td> <td><u>-3</u></td> <td><u>0</u></td> <td><u>x</u></td> <td><u>78</u></td> <td><u>= 0</u></td> </tr> <tr> <td colspan="5"></td> <td><u>0</u></td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td><td><u>        </u></td></tr> <tr><td>102</td><td>78</td><td>202</td><td>39</td><td>Independent claims in excess of 3</td><td><u>        </u></td></tr> <tr><td>104</td><td>260</td><td>204</td><td>130</td><td>Multiple dependent claim</td><td><u>        </u></td></tr> <tr><td>109</td><td>78</td><td>209</td><td>39</td><td>Reissue independent claims over original patent</td><td><u>        </u></td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9</td><td>Reissue claims in excess of 20 and over original patent</td><td><u>        </u></td></tr> <tr> <td colspan="5"><b>SUBTOTAL (2) (\$)</b></td> <td><b><u>0.00</u></b></td> </tr> </tbody> </table>		Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	101	690	201	345	Utility filing fee	<u>690</u>	106	310	206	155	Design filing fee	<u>        </u>	107	480	207	240	Plant filing fee	<u>        </u>	108	690	208	345	Reissue filing fee	<u>        </u>	114	150	214	75	Provisional filing fee	<u>        </u>	<b>SUBTOTAL (1) (\$)</b>					<b><u>690</u></b>	Total Claims	Independent Claims	Multiple Dependent Claims	Extra	Fee from below	Fee Paid	<u>8</u>	<u>-20</u>	<u>0</u>	<u>x</u>	<u>18</u>	<u>= 0</u>	<u>2</u>	<u>-3</u>	<u>0</u>	<u>x</u>	<u>78</u>	<u>= 0</u>						<u>0</u>	Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	103	18	203	9	Claims in excess of 20	<u>        </u>	102	78	202	39	Independent claims in excess of 3	<u>        </u>	104	260	204	130	Multiple dependent claim	<u>        </u>	109	78	209	39	Reissue independent claims over original patent	<u>        </u>	110	18	210	9	Reissue claims in excess of 20 and over original patent	<u>        </u>	<b>SUBTOTAL (2) (\$)</b>					<b><u>0.00</u></b>	<b>3. ADDITIONAL FEES</b> <table border="1"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td><u>        </u></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet.</td><td><u>        </u></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td><u>        </u></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td><u>        </u></td></tr> <tr><td>112</td><td>900*</td><td>112</td><td>900*</td><td>Requesting publication of SIR</td><td><u>        </u></td></tr> <tr><td></td><td></td><td></td><td></td><td>Prior to Examiner action</td><td><u>        </u></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td><u>        </u></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for response within 1st month</td><td><u>        </u></td></tr> <tr><td>116</td><td>380</td><td>216</td><td>190</td><td>Extension for response within 2nd month</td><td><u>        </u></td></tr> <tr><td>117</td><td>870</td><td>217</td><td>435</td><td>Extension for response within 3rd month</td><td><u>        </u></td></tr> <tr><td>118</td><td>1,360</td><td>218</td><td>680</td><td>Extension for response within 4th month</td><td><u>        </u></td></tr> <tr><td>128</td><td>1,850</td><td>228</td><td>925</td><td>Extension for response within 5th month</td><td><u>        </u></td></tr> <tr><td>119</td><td>300</td><td>219</td><td>150</td><td>Notice of Appeal</td><td><u>        </u></td></tr> <tr><td>120</td><td>300</td><td>220</td><td>150</td><td>Filing a brief in support of an appeal</td><td><u>        </u></td></tr> <tr><td>121</td><td>260</td><td>221</td><td>130</td><td>Request for oral hearing</td><td><u>        </u></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td><u>        </u></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive unavoidably abandoned application</td><td><u>        </u></td></tr> <tr><td>141</td><td>1,210</td><td>241</td><td>605</td><td>Petition to revive unintentionally abandoned application</td><td><u>        </u></td></tr> <tr><td>142</td><td>1,210</td><td>242</td><td>605</td><td>Utility issue fee (or reissue)</td><td><u>        </u></td></tr> <tr><td>143</td><td>430</td><td>243</td><td>215</td><td>Design issue fee</td><td><u>        </u></td></tr> <tr><td>144</td><td>580</td><td>244</td><td>290</td><td>Plant issue fee</td><td><u>        </u></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td><u>        </u></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td><u>        </u></td></tr> <tr><td>126</td><td>240</td><td>126</td><td>240</td><td>Submission of IDS</td><td><u>        </u></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td><u>        </u></td></tr> <tr><td>146</td><td>760</td><td>246</td><td>380</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td><u>        </u></td></tr> <tr><td>149</td><td>760</td><td>249</td><td>380</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td><u>        </u></td></tr> <tr> <td colspan="5">Other fee (specify) _____</td> <td><u>        </u></td> </tr> <tr> <td colspan="5">Other fee (specify) _____</td> <td><u>        </u></td> </tr> <tr> <td colspan="5"><b>SUBTOTAL (3) (\$)</b></td> <td><b><u>0.00</u></b></td> </tr> </tbody> </table> <p>*Reduced by Basic Filing Fee paid</p>		Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath	<u>        </u>	127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	<u>        </u>	139	130	139	130	Non-English specification	<u>        </u>	147	2,520	147	2,520	For filing a request for reexamination	<u>        </u>	112	900*	112	900*	Requesting publication of SIR	<u>        </u>					Prior to Examiner action	<u>        </u>	113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	<u>        </u>	115	110	215	55	Extension for response within 1st month	<u>        </u>	116	380	216	190	Extension for response within 2nd month	<u>        </u>	117	870	217	435	Extension for response within 3rd month	<u>        </u>	118	1,360	218	680	Extension for response within 4th month	<u>        </u>	128	1,850	228	925	Extension for response within 5th month	<u>        </u>	119	300	219	150	Notice of Appeal	<u>        </u>	120	300	220	150	Filing a brief in support of an appeal	<u>        </u>	121	260	221	130	Request for oral hearing	<u>        </u>	138	1,510	138	1,510	Petition to institute a public use proceeding	<u>        </u>	140	110	240	55	Petition to revive unavoidably abandoned application	<u>        </u>	141	1,210	241	605	Petition to revive unintentionally abandoned application	<u>        </u>	142	1,210	242	605	Utility issue fee (or reissue)	<u>        </u>	143	430	243	215	Design issue fee	<u>        </u>	144	580	244	290	Plant issue fee	<u>        </u>	122	130	122	130	Petitions to the Commissioner	<u>        </u>	123	50	123	50	Petitions related to provisional applications	<u>        </u>	126	240	126	240	Submission of IDS	<u>        </u>	581	40	581	40	Recording each patent assignment per property (times number of properties)	<u>        </u>	146	760	246	380	Filing a submission after final rejection (37 CFR 1.129(a))	<u>        </u>	149	760	249	380	For each additional invention to be examined (37 CFR 1.129(b))	<u>        </u>	Other fee (specify) _____					<u>        </u>	Other fee (specify) _____					<u>        </u>	<b>SUBTOTAL (3) (\$)</b>					<b><u>0.00</u></b>
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																																																																																				
101	690	201	345	Utility filing fee	<u>690</u>																																																																																																																																																																																																																																																																																																				
106	310	206	155	Design filing fee	<u>        </u>																																																																																																																																																																																																																																																																																																				
107	480	207	240	Plant filing fee	<u>        </u>																																																																																																																																																																																																																																																																																																				
108	690	208	345	Reissue filing fee	<u>        </u>																																																																																																																																																																																																																																																																																																				
114	150	214	75	Provisional filing fee	<u>        </u>																																																																																																																																																																																																																																																																																																				
<b>SUBTOTAL (1) (\$)</b>					<b><u>690</u></b>																																																																																																																																																																																																																																																																																																				
Total Claims	Independent Claims	Multiple Dependent Claims	Extra	Fee from below	Fee Paid																																																																																																																																																																																																																																																																																																				
<u>8</u>	<u>-20</u>	<u>0</u>	<u>x</u>	<u>18</u>	<u>= 0</u>																																																																																																																																																																																																																																																																																																				
<u>2</u>	<u>-3</u>	<u>0</u>	<u>x</u>	<u>78</u>	<u>= 0</u>																																																																																																																																																																																																																																																																																																				
					<u>0</u>																																																																																																																																																																																																																																																																																																				
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																																																																																				
103	18	203	9	Claims in excess of 20	<u>        </u>																																																																																																																																																																																																																																																																																																				
102	78	202	39	Independent claims in excess of 3	<u>        </u>																																																																																																																																																																																																																																																																																																				
104	260	204	130	Multiple dependent claim	<u>        </u>																																																																																																																																																																																																																																																																																																				
109	78	209	39	Reissue independent claims over original patent	<u>        </u>																																																																																																																																																																																																																																																																																																				
110	18	210	9	Reissue claims in excess of 20 and over original patent	<u>        </u>																																																																																																																																																																																																																																																																																																				
<b>SUBTOTAL (2) (\$)</b>					<b><u>0.00</u></b>																																																																																																																																																																																																																																																																																																				
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																																																																																				
105	130	205	65	Surcharge - late filing fee or oath	<u>        </u>																																																																																																																																																																																																																																																																																																				
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	<u>        </u>																																																																																																																																																																																																																																																																																																				
139	130	139	130	Non-English specification	<u>        </u>																																																																																																																																																																																																																																																																																																				
147	2,520	147	2,520	For filing a request for reexamination	<u>        </u>																																																																																																																																																																																																																																																																																																				
112	900*	112	900*	Requesting publication of SIR	<u>        </u>																																																																																																																																																																																																																																																																																																				
				Prior to Examiner action	<u>        </u>																																																																																																																																																																																																																																																																																																				
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	<u>        </u>																																																																																																																																																																																																																																																																																																				
115	110	215	55	Extension for response within 1st month	<u>        </u>																																																																																																																																																																																																																																																																																																				
116	380	216	190	Extension for response within 2nd month	<u>        </u>																																																																																																																																																																																																																																																																																																				
117	870	217	435	Extension for response within 3rd month	<u>        </u>																																																																																																																																																																																																																																																																																																				
118	1,360	218	680	Extension for response within 4th month	<u>        </u>																																																																																																																																																																																																																																																																																																				
128	1,850	228	925	Extension for response within 5th month	<u>        </u>																																																																																																																																																																																																																																																																																																				
119	300	219	150	Notice of Appeal	<u>        </u>																																																																																																																																																																																																																																																																																																				
120	300	220	150	Filing a brief in support of an appeal	<u>        </u>																																																																																																																																																																																																																																																																																																				
121	260	221	130	Request for oral hearing	<u>        </u>																																																																																																																																																																																																																																																																																																				
138	1,510	138	1,510	Petition to institute a public use proceeding	<u>        </u>																																																																																																																																																																																																																																																																																																				
140	110	240	55	Petition to revive unavoidably abandoned application	<u>        </u>																																																																																																																																																																																																																																																																																																				
141	1,210	241	605	Petition to revive unintentionally abandoned application	<u>        </u>																																																																																																																																																																																																																																																																																																				
142	1,210	242	605	Utility issue fee (or reissue)	<u>        </u>																																																																																																																																																																																																																																																																																																				
143	430	243	215	Design issue fee	<u>        </u>																																																																																																																																																																																																																																																																																																				
144	580	244	290	Plant issue fee	<u>        </u>																																																																																																																																																																																																																																																																																																				
122	130	122	130	Petitions to the Commissioner	<u>        </u>																																																																																																																																																																																																																																																																																																				
123	50	123	50	Petitions related to provisional applications	<u>        </u>																																																																																																																																																																																																																																																																																																				
126	240	126	240	Submission of IDS	<u>        </u>																																																																																																																																																																																																																																																																																																				
581	40	581	40	Recording each patent assignment per property (times number of properties)	<u>        </u>																																																																																																																																																																																																																																																																																																				
146	760	246	380	Filing a submission after final rejection (37 CFR 1.129(a))	<u>        </u>																																																																																																																																																																																																																																																																																																				
149	760	249	380	For each additional invention to be examined (37 CFR 1.129(b))	<u>        </u>																																																																																																																																																																																																																																																																																																				
Other fee (specify) _____					<u>        </u>																																																																																																																																																																																																																																																																																																				
Other fee (specify) _____					<u>        </u>																																																																																																																																																																																																																																																																																																				
<b>SUBTOTAL (3) (\$)</b>					<b><u>0.00</u></b>																																																																																																																																																																																																																																																																																																				

SUBMITTED BY				Complete (if applicable)	
Typed or Printed Name		Bruce H. Bernstein		Reg. Number 29,027	
Signature <i>Leslie J. Paperna</i>		Date <i>12/24/99</i>		Deposit Account User ID	

33,329

P18495.P03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant :M. NAKATA et al.

Serial No. :Not Yet Assigned

Filed :Concurrently Herewith

For :MULTIPOINT AUTOFOCUS SYSTEM



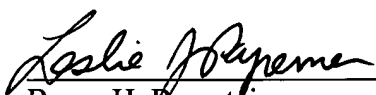
**CLAIM OF PRIORITY**

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

Applicant hereby claims the right of priority granted pursuant to 35 U.S.C. 119 based upon Japanese Application Nos. 8-245244, filed September 17, 1996; 8-245245, filed September 17, 1996; and 8-255030, filed September 26, 1996. As required by the Statute, certified copies of the Japanese applications have been filed in parent Application No. 08/932,197, filed September 17, 1997.

Respectfully submitted,  
M. NAKATA et al.

  
Bruce H. Bernstein Reg. No. 33,329  
Reg. No. 29,027

December 30, 1999  
GREENBLUM & BERNSTEIN, P.L.C.  
1941 Roland Clarke Place  
Reston, VA 20191  
(703) 716-1191

Sorting number P3026  
Notice number 088256  
Sent on: Mar. 18, 2003

Notice of Decision of Rejection

Patent application number  
1996 Patent application number 245245

Date of draft  
Mar. 12, 2003

Patent office examiner  
Takashi Hamano 9108 2V00

Name of invention  
Focus detection device

Patent applicant  
Pentax Corporation

Applicant's representative  
Kunio Miura

A decision of rejection has been made for this application, as per the reasons given in the Notice of Decision of Rejection dated Sept. 12, 2002. The contents of the written opinion and amendment of proceedings have been examined, but it has been determined that they do not contain basis for overturning of the reasons for rejection.

Note:

Allowing for switching of the A/D converter's conversion precision according to the CCD line sensor's saturation output voltage is published in Japanese Unexamined Patent Application Publication No.07-327130, and therefore does not represent novelty.

The above is hereby attested to be the same as that information kept on file.  
Certified: Mar. 13, 2003  
Ministry of Economy, Trade, and Industry Officer Yoshimasa Tsukamoto